(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 20 March 2003 (20.03.2003)

PCT

(10) International Publication Number WO 2003/023179 A3

(51) International Patent Classification7:

E21B 43/10

(21) International Application Number:

PCT/US2002/025727

(22) International Filing Date: 14 August 2002 (14.08.2002)

(25) Filing Language:

60/317,985

60/318,386

English

(26) Publication Language:

English

(30) Priority Data:

6 September 2001 (06.09.2001) US 10 September 2001 (10.09.2001) US

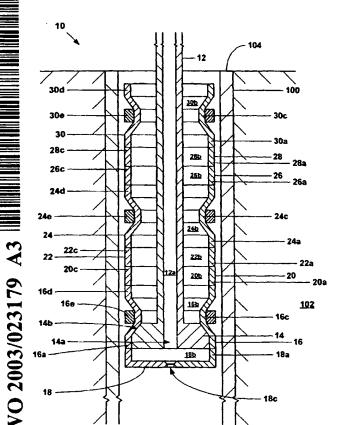
- (71) Applicant (for all designated States except US): ENVENTURE GLOBAL TECHNOLOGY [US/US]; 16200 A. Park Row, Houston. TX 77084 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WADDELL, Kevin

[US/US]; 11007 Sprucedale Court, Houston, TX 77070 (US). RING, Lev [RU/US]; 14126 Heatherhill Place, Houston, TX 77077 (US). BRISCO, David, PAUL [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US).

- (74) Agents: MATTINGLY, Todd; et al.; Haynes and Boone, LLP, 1000 Louisiana Street, Suite 4300, Houston, TX 77002-5012 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: SYSTEM FOR LINING A WELLBORE CASING



(57) Abstract: A system for lining a wellbore casing.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/25727

			PC170302123121	
A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : E21B 43/10				
US CL : 166/380, 207				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum downwaring and delegation in growth of the state				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 166/380, 207, 378, 212, 217, 242.6				
	· · · · · · · · · · · · · · · · · · ·			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
The state of the s				
Electronic da	ta hase consulted during the international search (name	of data hase and wh	ere practicable coa	rch terms used)
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	propriate, of the relev	vant passages	Relevant to claim No.
X				13-15,17,18,21-23,25-
Λ.				31, and 33
х	US 6,085,838 A (VERCAEMER et al.) 11 July 2000 (11.07.00), figures 5-7.			· ·
Λ				1,4-7,11-19, and 21-35
x	CTT 100C110 A (CADITOXD 16 April 1004 (16 04 04) 5 1 1 2			12.15.15.22.25.21
А	SU 1086118 A (GARIFOV) 15 April 1984 (15.04.84), figures 1 and 2.			13-15,17-23,25-31, and 33-36
				33-36
				_
				<u>-</u>
Thumber	dammanta and listed in the continuation of Day C	Con motors	family appay	
	documents are listed in the continuation of Box C.	<u> </u>	family annex.	
* S	pecial categories of cited documents:			rnational filing date or priority
"A" document	defining the general state of the art which is not considered to be		in conflict with the applications underlying the invited in the in	eation but cited to understand the
	dar relevance	principle of t	moory amountying are an	anu.
-	and the second s			claimed invention cannot be
"E" carlier ap	plication or patent published on or after the international filing date		ovel or cannot be conside cument is taken alone	red to involve an inventive step
"L" document	which may throw doubts on priority claim(s) or which is cited to			
	the publication date of another citation or other special reason (as			claimed invention cannot be
specified)			o involve an inventive ste ith one or more other suc	documents, such combination
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the art		
"P" document published prior to the international filing date but later than the		"&" document member of the same patent family		
	ate claimed	ac document memori of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report		
Date of the a	ctual completion of the international search			
07 October 2	002 (07.10.2002)	1.8 FEB 2004.		
	ailing address of the ISA/US	Anthorized officer []		
	nmissioner of Patents and Trademarks	1. Joan Mert 104		
Box	PCT	Pavior Agagneti	· /	
Washington, D.C. 20231 Facsimile No. (703)305-3230 Telephone No. (703) 308-1113				
Facsimile No. (703)305-3230		reichitotic (103) 200-1113		

Form PCT/ISA/210 (second sheet) (July 1998)